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Ashtubula River, Ohio, Sedimentation Study

Report 3

Erosion Experiments on Bed Sediments

by Allen M. Teeter, Doug Brister, Joe W. Parman, Clara J. Coleman

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Prepared for U.S. Army Engineer District, Buffalo

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Preface

This report describes laboratory experiments performed at the U.S Army Engineer Research and Development Center (ERDC) Coastal and Hydraulics Laboratory (CHL) by the Sedimentation Engineering and Dredging Group (SEDG), Estuaries and Hydrosociences Division (EHSD). The work was performed between June 1994 and February 1996 as part of a sedimentation study sponsored by the U.S. Army Engineer District, Buffalo. The U.S. Environmental Protection Agency (USEPA), Region 5, is in charge of the overall project. Messrs. Ron Heath, Stephen Golyski, and Edward J. Hanlon are the project managers at ERDC, the Buffalo District, and USEPA, respectively.

Personnel of EHSD performed the work under the general supervision of Messrs. Frank A. Herrmann, Jr. (retired), Director, Hydraulics Laboratory (HL); Robert A. Sager (retired), Assistant Director, HL; and Dr. William H. McAnally, Jr., Chief, EHSD. The laboratory experiments were designed and this report written by Mr. Allen M. Teeter, SEDG. Messrs. Doug Brister and Joe W. Parman and Mrs. Clara J. Coleman, all of EHSD, performed the laboratory analyses. The CHL was formed in October 1996 with the merger of the Coastal Engineering Research Center and HL. Dr. James R. Houston is the Director of CHL.

At the time of publication of this report, Dr. Lewis E. Link was Acting Director of ERDC, and COL Robin R. Cababa, EN, was Commander.

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